



Crop Progress and Condition

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In Cooperation with:
Univ. of KY – Agr'l Weather Center
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Cooperative Extension Service

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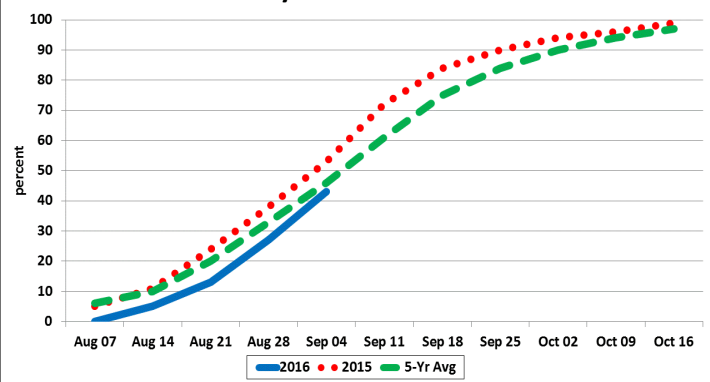
Agricultural News: Kentucky experienced near normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.12 inches, 0.63 inches below normal. Temperatures averaged 74 degrees for the week, unchanged from normal. **Topsoil moisture** was rated 1 percent very short, 9 percent short, 79 percent adequate and 11 percent surplus. **Subsoil moisture** was rated 1 percent very short, 8 percent short, 81 percent adequate, and 10 percent surplus. Days suitable for fieldwork averaged 6.6 out of a possible seven.

Primary activities this week included cutting hay and tobacco, and harvesting corn for grain. Favorable weather conditions were helpful for drying down corn this week, but rainfall would be beneficial for pasture, hay, and soybeans. Tobacco remains in mostly fair to good condition with some producers reporting noticeable reductions in yields this year. Fungal disease incidences continue to be reported; including sudden death in soybeans, and rust in corn recently. Pasture and livestock conditions remain mostly good to excellent.

SOIL MOISTURE for week ending 09/04/16

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	9	79	11
Subsoil	1	8	81	10

Kentucky Tobacco Harvested



CROP PROGRESS for week ending 09/04/16

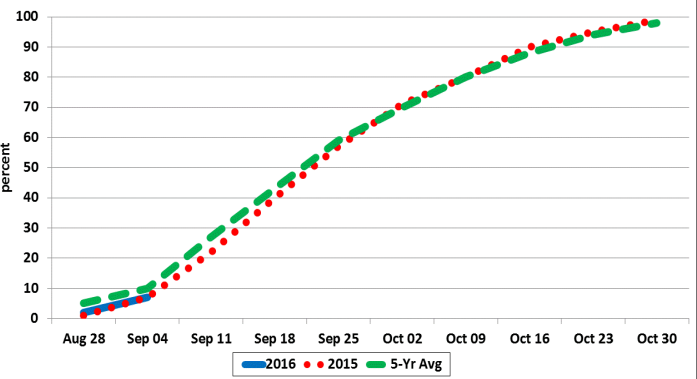
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dough	93	88	92	91
Corn Dent	84	74	78	78
Corn Mature	58	33	45	47
Corn Harvested	14	2	5	12
Soybeans Setting Pods	90	84	89	88
Soybeans Coloring	25	16	30	-
Soybeans Dropping Leaves	7	2	7	10
Tobacco Blooming	97	93	97	97
Tobacco Topped	89	81	91	89
Tobacco Cut	43	27	53	46

CROP CONDITIONS for week ending 09/04/16

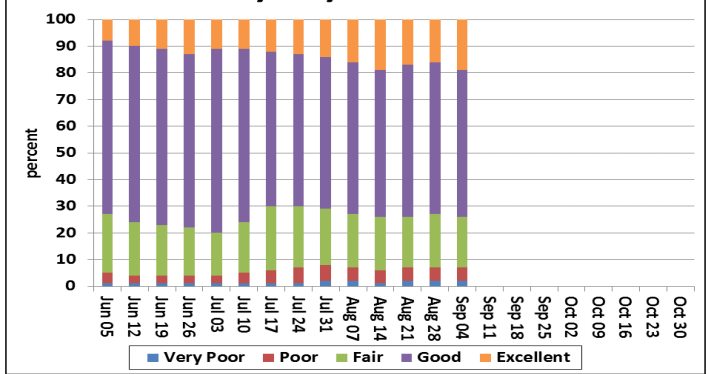
Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	5	17	57	19
Livestock	1	3	12	70	14
Pasture	1	5	20	63	11
Soybeans	2	5	19	55	19
Tobacco	8	12	28	45	7

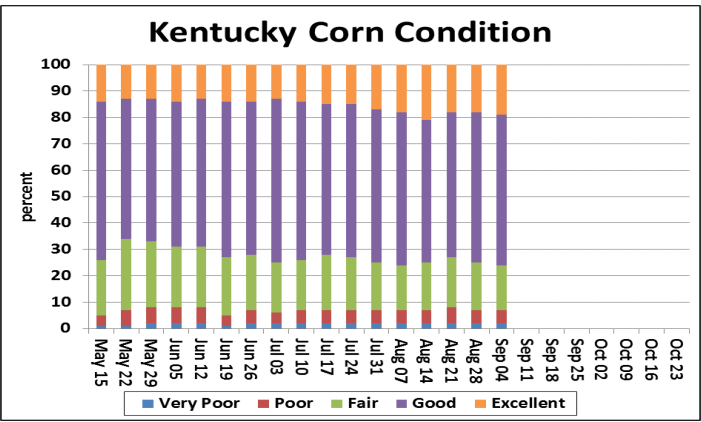
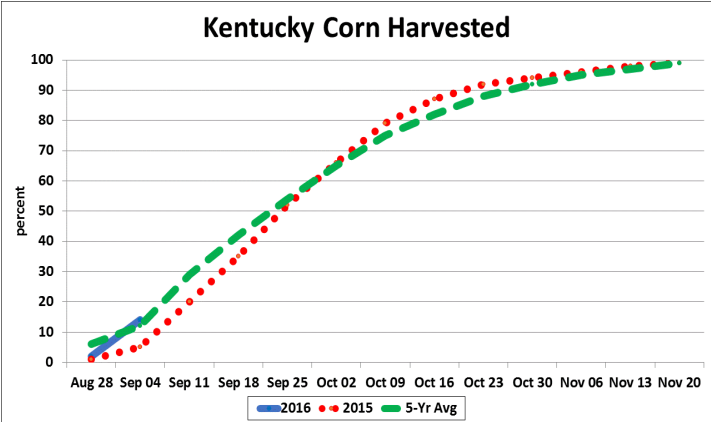
- Represents not available.

Kentucky Soybeans Dropping Leaves



Kentucky Soybean Condition





Kentucky Climate Summary
For the Period August 29, 2016 to September 4, 2016

Near Normal Temperatures and Below Normal Rainfall:

The Commonwealth did not see much rainfall for a second straight period as the state averaged just over a tenth of an inch this past week. Other than some isolated showers on Monday and Tuesday, most remained dry with high pressure aloft. Temperatures each day remained above normal, along with high humidity. Scattered showers and storms then returned on Wednesday, ahead of a passing cold front. Behind the boundary, high pressure moved into the Great Lakes area. With Tropical Storm Hermine off the Mid-Atlantic Coast, this set up a northeasterly flow into the Lower Ohio Valley. Skies became mostly clear for the remainder of the week, along with much cooler temperatures and less humid conditions.

Temperatures for the period averaged 74 degrees across the state which was near normal and 4 degrees cooler than the previous period. High temperatures averaged from 86 in the West to 85 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to 1 degree warmer than normal in the East. Low temperatures averaged from 65 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 2 degrees warmer than normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 95 degrees at MAYFIELD 6SW and the extreme low was 50 degrees at CYNTHIANA 8N.

Precipitation (liq. equ.) for the period totaled 0.12 inches statewide which was 0.63 inches below normal and 16% of normal. Precipitation totals by climate division, West 0.01 inches, Central 0.13 inches, Bluegrass 0.12 inches and East 0.21 inches, which was 0.68, 0.69, 0.61 and 0.57 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at BARBOURVILLE 3E to a high of 1.54 inches at SOMERSET AWOS.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 09/04/16 4 p.m.

Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Last Week	Since Apr 1	Dev. Since Apr 1
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	0.03	27.32	3.96	5.95	0.49	90	56	75	4	172	3,284	237
Berea	0.19	26.48	2.21	4.52	-1.41	88	51	72	2	152	3,046	-65
Bowling Green	0.00	25.95	3.89	3.77	0.68	94	58	78	7	195	3,701	535
Bristol	0.63	15.56	3.14	-3.10	0.25	93	59	74	4	166	3,267	364
Buckhorn Lake	0.00	24.34	3.13	3.35	-0.18	89	55	73	3	160	3,114	349
Cape Girardeau	0.00	25.86	4.49	5.26	1.31	92	55	76	3	180	3,566	266
Campbellsville	0.15	27.37	4.49	2.72	0.33	90	55	74	3	168	3,154	68
Covington	0.18	21.52	5.49	1.68	2.51	90	60	75	5	175	3,164	308
Cumberland Gap	0.00	28.79	2.28	5.63	-1.48	90	53	74	4	170	3,189	308
Dix Dam	0.01	23.59	2.79	1.65	-0.68	92	56	74	4	170	3,145	102
Evansville	0.00	26.46	3.34	6.65	0.54	94	58	76	3	183	3,408	262
Glasgow	0.01	35.16	3.75	11.09	0.11	91	59	77	6	186	3,366	293
Grayson	0.06	28.68	3.37	7.97	0.10	89	53	73	3	159	3,017	291
Hardinsburg	0.12	32.46	4.59	10.45	1.18	91	58	75	4	176	3,274	97
Henderson	0.00	27.59	3.55	7.27	0.63	94	58	77	4	188	3,438	236
Huntington	0.08	24.73	2.50	3.93	-0.92	93	58	75	5	174	3,260	341
Jackson	0.38	29.44	4.65	7.31	1.08	89	57	74	4	167	3,284	519
Lexington	0.01	25.87	2.99	4.50	-0.48	92	55	75	5	176	3,324	366
London	0.03	24.93	3.19	4.60	0.16	91	55	75	5	174	3,288	371
Louisville	0.02	22.86	4.44	2.08	1.28	93	62	78	7	195	3,710	560
Mayfield	0.00	28.42	3.30	6.14	-0.19	91	59	76	3	186	3,464	259
Nashville	0.00	16.70	1.84	-4.00	-1.29	95	59	77	6	188	3,854	476
Nolin Lake	0.00	30.45	3.57	7.16	0.10	95	57	77	6	190	3,690	763
Paducah	0.00	28.00	3.54	5.98	0.46	93	58	77	4	186	3,684	421
Princeton	0.00	30.89	3.99	8.54	0.44	91	58	76	3	180	3,395	137
Quicksand	0.02	29.21	3.43	7.08	-0.14	90	53	74	4	166	3,162	397
Somerset	0.03	29.33	2.76	6.33	-0.81	90	55	74	4	168	3,144	193
Spindletop	0.41	30.04	3.66	8.67	0.19	93	56	75	5	174	3,352	394
Williamstown	0.13	23.44	2.24	2.42	-1.07	88	56	73	3	162	3,002	108

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.